American Petroleum Institute
1220 L Street, NW
Washington, DC 20005

Weekly Statistical Bulletin

A957S-1

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
Vol: 75 No: 11 For Week Ending: March 18, 1994

SUMMARY

(In Thousands of 42-gallon barrels per day, except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data received from reporting companies)

	Current Week Ending: 03/18/94	Last Week Ending: 03/11/94	Last Year Week Ending: 03/19/93	Change from Last Week	Change from Last Year
REFINERY OPERATIONS					
Input to Crude Distillation	13,185	13,225	13,477	-40	-292
Operable Capacity	15,145	15,145	15,542	0	-397
Percent Operated	87.1	87.3	86.7		
MOTOR GASOLINE					
Total Motor Gasoline Production	6,893	6,851	6,741	42	152
Total Motor Gasoline Stocks	222,675	225,691	232,976	-3,016	-10,301
Total Finished Gasoline Stocks	178,891	181,717	191,414	-2,826	-12,523
Blending Components Stocks	43,784	43,974	41,562	-190	2,222
JET KEROSINE					
Total Jet Kerosine Production	1,292	1,279	1,275	13	17
Total Jet Kerosine Stocks	35,283	35,036	37,513	247	-2,230
DISTILLATE FUEL OIL					
Total Distillate Production	3,183	3,198	2,955	-15	228
Total Distillate Stocks	102,251	102,959	101,456	-708	795
RESIDUAL FUEL OIL					
Total Residual Fuel Production	880	880	790	0	90
Total Residual Fuel Stocks	40,462	41,116	39,468	-654	994
IMPORTS					
Crude Oil Imports	7,323	5,749	5,365	1,574	1,958
Product Imports	2,108	2,506	1,611	-398	497
CRUDE OIL STOCKS	341,188	328,907	330,858	12,281	10,330
CRUDE SUPPLY BALANCE	565				

See Definitional Notes on Page 6.

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U.S. REFINERY OPERATIONS

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Processing Units	Input to Crude Oil Distillation Units	Operable Capacity	Percent Operated
East Coast	1,273	1,047	1,052	1,442	73.0
Appal. No. 1	111	103	103	109	94.5
PADD 1 TOTAL	1,384	1,150	1,155	1,551	74.5
Week Ago	1,604	1,391	1,399	1,551	90.2
Year Ago	1,581	1,101	1,140	1,544	73.8
IN, IL, KY	2,162	2,054	2,112	2,327	90.8
MN, WI, ND, SD	374	368	368	368	100.0
OK, KS, MO	599	556	561	726	77.3
PADD 2 TOTAL	3,135	2,978	3,041	3,421	88.9
Week Ago	3,067	2,877	2,979	3,421	87.1
Year Ago	3,229	3,070	3,165	3,356	94.3
Inland TX	598	530	530	530	100.0
TX Gulf Coast	3,690	2,921	2,938	3,231	90.9
LA Gulf Coast	2,434	2,236	2,278	2,646	86.1
N. LA and AR	206	194	194	256	75.8
NM	104	92	92	95	96.8
PADD 3 TOTAL	7,032	5,973	6,032	6,758	89.3
Week Ago	6,753	5,951	5,983	6,758	88.5
Year Ago	6,663	6,047	6,143	7,173	85.6
PADD 4 TOTAL	444	417	421	519	81.1
Week Ago	502	462	467	519	90.0
Year Ago	459	415	440	514	85.6
PADD 5 TOTAL	2,613	2,310	2,536	2,896	87.6
Week Ago	2,531	2,254	2,397	2,896	82.8
Year Ago	2,700	2,568	2,589	2,955	87.6
U.S. TOTAL	14,608	12,828	13,185	15,145	87.1
Week Ago	14,457	12,935	13,225	15,145	87.3
Year Ago	14,632	13,201	13,477	15,542	86.7

See Definitonal Notes on Page 6.

U.S. REFINERY OUTPUT

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Finished Motor Gasoline				Naphtha Jet Fuel	Kerosine Jet Fuel			Distillate Fuel			Residual Fuel
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Total	Commerc'l Spec	Military Spec	Total	<=.05% sulfur	>.05% sulfur	
East Coast	707	221	—	486	6	36	36	—	329	133	196	86
Appal. No. 1	32	—	—	32	—	—	—	—	28	20	8	3
PADD 1 TOTAL	739	221	—	518	6	36	36	—	357	153	204	89
Week Ago	823	283	—	540	10	67	67	—	453	235	218	133
Year Ago	742	*na*	*na*	*na*	10	52	*na*	*na*	361	*na*	*na*	101
IN, IL, KY	1,088	385	—	703	9	150	149	1	516	321	195	75
MN, WI, ND, SD	186	102	—	84	—	30	30	—	92	19	73	6
OK, KS, MO	306	148	—	158	3	41	41	—	171	102	69	4
PADD 2 TOTAL	1,580	635	—	945	12	221	220	1	779	442	337	85
Week Ago	1,642	637	—	1,005	19	204	200	4	732	324	408	69
Year Ago	1,589	*na*	*na*	*na*	17	219	*na*	*na*	725	*na*	*na*	85
Inland TX	333	8	—	325	5	43	36	7	143	136	7	13
TX Gulf Coast	1,610	113	—	1,497	9	293	267	26	668	433	235	239
LA Gulf Coast	1,122	84	—	1,038	2	269	220	49	579	164	415	132
N. LA and AR	46	—	—	46	6	7	7	—	48	41	7	9
NM	64	5	—	59	—	11	—	11	32	32	—	1
PADD 3 TOTAL	3,175	210	—	2,965	22	623	530	93	1,470	806	664	394
Week Ago	2,953	229	—	2,724	26	630	558	72	1,435	794	641	363
Year Ago	2,996	*na*	*na*	*na*	69	596	*na*	*na*	1,352	*na*	*na*	321
PADD 4 TOTAL	246	48	—	198	8	26	26	—	125	84	41	11
Week Ago	261	62	—	199	12	29	29	—	136	95	41	12
Year Ago	201	*na*	*na*	*na*	13	23	*na*	*na*	110	*na*	*na*	12
PADD 5 TOTAL	1,153	—	—	1,153	5	386	312	74	452	241	211	301
Week Ago	1,172	—	—	1,172	1	349	330	19	442	218	224	303
Year Ago	1,213	*na*	*na*	*na*	24	385	*na*	*na*	407	*na*	*na*	271
U.S. TOTAL	6,893	1,114	—	5,779	53	1,292	1,124	168	3,183	1,726	1,457	880
Week Ago	6,851	1,211	—	5,640	68	1,279	1,184	95	3,198	1,666	1,532	880
Year Ago	6,741	*na*	*na*	*na*	133	1,275	*na*	*na*	2,955	*na*	*na*	790

See Definitional Notes on Page 6.

STOCKS OF SELECTED PRODUCTS
(in thousands of 42-gallon barrels)

DISTRICT	Motor Gasoline						Jet Fuel		Distillate Fuel			Residual Fuel	Unfinished Oils
	Total	Finished Motor Gasoline				Blending Components	Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%		
		Total Finished	Finished Oxygen'd	Finished Reform'd	Other Finished								
New England	6,333	6,331	697	—	5,634	2	41	655	6,636	1,315	5,321	1,029	—
Central Atlantic	35,477	29,636	6,209	—	23,427	5,841	423	3,352	18,909	5,539	13,370	11,530	9,456
Lower Atlantic	22,788	22,507	1,197	—	21,310	281	129	4,333	11,773	5,006	6,767	2,110	490
PADD 1 TOTAL	64,598	58,474	8,103	—	50,371	6,124	593	8,340	37,318	11,860	25,458	14,669	9,946
Week Ago	65,177	58,348	9,196	—	49,152	6,829	252	8,450	36,933	10,936	25,997	14,867	9,841
Year Ago	66,306	60,334	*na*	*na*	*na*	5,972	323	9,995	37,099	*na*	*na*	15,038	10,674
PADD 2 TOTAL	58,846	48,890	1,112	—	47,778	9,956	770	7,783	28,738	16,533	12,205	3,086	16,470
Week Ago	59,321	50,086	971	—	49,115	9,235	933	7,366	28,987	16,962	12,025	2,855	16,124
Year Ago	62,971	53,257	*na*	*na*	*na*	9,714	1,121	7,275	28,205	*na*	*na*	2,790	16,069
PADD 3 TOTAL	58,039	42,173	1,269	—	40,904	15,866	493	11,583	22,574	11,334	11,240	16,247	50,530
Week Ago	59,435	43,322	1,607	—	41,715	16,113	485	12,691	23,854	12,051	11,803	16,701	52,581
Year Ago	65,980	47,440	*na*	*na*	*na*	18,540	1,806	13,069	25,423	*na*	*na*	13,482	47,243
PADD 4 TOTAL	8,050	5,266	165	—	5,101	2,784	212	693	3,090	1,794	1,296	323	2,465
Week Ago	8,515	5,507	212	—	5,295	3,008	185	522	3,000	1,681	1,319	303	2,549
Year Ago	6,238	4,389	*na*	*na*	*na*	1,849	320	514	2,204	*na*	*na*	384	2,359
PADD 5 TOTAL	33,142	24,088	417	—	23,671	9,054	175	6,884	10,531	6,907	3,624	6,137	24,677
Week Ago	33,243	24,454	1,401	—	23,053	8,789	139	6,007	10,185	6,555	3,630	6,390	25,818
Year Ago	31,481	25,994	*na*	*na*	*na*	5,487	1,156	6,660	8,525	*na*	*na*	7,774	21,927
U.S. TOTAL	222,675	178,891	11,066	—	167,825	43,784	2,243	35,283	102,251	48,428	53,823	40,462	104,088
Week Ago	225,691	181,717	13,387	—	168,330	43,974	1,994	35,036	102,959	48,185	54,774	41,116	106,913
Year Ago	232,976	191,414	*na*	*na*	*na*	41,562	4,726	37,513	101,456	*na*	*na*	39,468	98,272

See Definitional Notes on Page 6.

PRODUCTION AND IMPORTS OF CRUDE OIL (INCLUDING LEASE CONDENSATE)

(daily averages in thousands of 42-gallon barrels)

DISTRICT	Estimated Crude Oil Production	Crude Oil Imports	
		Total	Canadian
PADDs 1-4			
Week Ended: March 18, 1994	4,286.0	6,899	889
Week Ended: March 11, 1994	4,286.0	5,693	721
Week Ended: March 4, 1994	4,246.0	6,209	832
Week Ended: March 19, 1993	4,335.0	5,362	810
DOE latest (10/93):	4,235.0		
PADD 5			
Week Ended: March 18, 1994	2,520.0	424	53
Week Ended: March 11, 1994	2,520.0	56	56
Week Ended: March 4, 1994	2,529.0	188	108
Week Ended: March 19, 1993	2,594.0	3	—
DOE latest (10/93):	2,570.0		
TOTAL U.S.			
Week Ended: March 18, 1994	6,806.0	7,323	942
Week Ended: March 11, 1994	6,806.0	5,749	777
Week Ended: March 4, 1994	6,775.0	6,397	940
Week Ended: March 19, 1993	6,929.0	5,365	810
DOE monthly - year ago	6,912.0		
DOE latest (10/93):	6,805.0		

CRUDE OIL STOCKS BY LOCATION

(in thousands of 42-gallon barrels)

	PADD 1	PADD 2	PADD 3	PADD 4	PADD 5		TOTAL
					TOTAL	ALASKAN IN TRANSIT BY WATER	
Current Week	15,737	75,376	159,111	11,138	79,826	23,533	341,188
Week Ago	13,521	75,777	152,998	10,954	75,657	16,911	328,907
Year Ago	12,823	72,172	160,087	12,125	73,651	16,544	330,858

Daily Average Crude Oil Supply Balance (in Thousands of 42-gallon barrels)	
Current Week:	565
1993 Average:	258
1993 Positive Average:	736
1993 Negative Average:	-597

See Definitional Notes on Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Motor Gasoline				Blending Components	Jet Fuel		Distillate Fuel			Residual Fuel	LPGs	Unfinished Oils	Other	Total
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%					
New England	44	—	—	44	—	14	15	147	18	129	154	—	—	—	374
Central Atlantic	102	—	—	102	9	—	86	77	41	36	88	15	107	6	490
Lower Atlantic	85	—	—	85	—	—	11	12	12	—	117	—	—	4	229
PADD 1 TOTAL	231	—	—	231	9	14	112	236	71	165	359	15	107	10	1,093
week ago	475	—	—	475	71	—	62	425	56	369	455	8	163	4	1,663
4 Week averages															
avg - current 4 weeks	356	—	—	356	34	4	104	290	58	232	386	11	151	25	1,361
avg - year ago 4 weeks	86	*na*	*na*	*na*	56	5	81	186	*na*	*na*	284	23	131	51	903
PADDs 2-4 TOTAL	—	—	—	—	—	—	—	24	8	16	19	239	246	394	922
week ago	—	—	—	—	9	—	—	38	13	25	24	132	379	157	739
4 Week averages															
avg - current 4 weeks	—	—	—	—	5	—	—	27	9	18	31	173	223	231	690
avg - year ago 4 weeks	2	*na*	*na*	*na*	34	2	10	5	*na*	*na*	38	118	302	168	679
PADD 5 TOTAL	5	—	—	5	5	—	48	7	1	6	12	2	1	13	93
week ago	8	—	—	8	—	—	7	11	1	10	15	14	41	8	104
4 Week averages															
avg - current 4 weeks	7	—	—	7	1	—	19	8	1	7	13	6	11	9	74
avg - year ago 4 weeks	11	*na*	*na*	*na*	—	—	—	1	*na*	*na*	26	1	8	14	61
U.S. TOTAL	236	—	—	236	14	14	160	267	80	187	390	256	354	417	2,108
week ago	483	—	—	483	80	—	69	474	70	404	494	154	583	169	2,506
4 Week averages															
avg - current 4 weeks	363	—	—	363	40	4	123	324	67	257	430	190	385	266	2,125
avg - year ago 4 weeks	99	*na*	*na*	*na*	89	7	91	192	*na*	*na*	348	142	441	232	1,641

See Definitional Notes on Page 6.

DEFINITIONAL NOTES FOR API'S *WEEKLY STATISTICAL BULLETIN*

GENERAL NOTES

Data published in the *Weekly Statistical Bulletin* are estimates made by API's Finance, Accounting and Statistics Department, based on data collected from reporting companies.

Data are for the week ended 7 a.m. Friday. For purposes of monthly aggregation of imports and refinery activities, and for monthly interpolation of inventories, the API treats 7 a.m. Friday as midnight Thursday.

The *Bulletin* classifies U.S. territories (i.e. Puerto Rico, Virgin Islands, Guam etc.) as foreign entities.

Definitions used by the API throughout the *Weekly Statistical Bulletin* are the same as those used by the Energy Information Administration of the Department of Energy in their *Petroleum Supply Monthly* and *Petroleum Supply Annual* publications.

Data for the corresponding week of the last year are from the published *Bulletin* for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE/EIA's *Petroleum Supply Annual*.

NOTES ON INVENTORIES

Inventory figures published in this report are those held in primary storage (i.e., at refineries, bulk terminals and in pipelines). They represent API estimates of inventories available for current shipment as well as those not available, such as stocks held in tank bottoms, pipeline fill, and in other equipment to assure continuous operations.

Stocks of oxygenated, reformulated, and other gasoline represent *finished* motor gasoline located at refineries, bulk terminals and pipelines. Motor gasoline blending components (i.e. straight run gasolines, alkylate, and reformate) are categorized separately, but are included in the total motor gasoline stock figure. Stocks of unblended oxygenates (such as MTBE and ethanol) are not included in this report. Oxygenates are reflected in the API numbers only to the extent they have been blended into finished product. The API publishes a separate weekly report on production and inventories of oxygenates on Thursdays.

NOTE ON CRUDE OIL PRODUCTION

Estimates of monthly crude oil production (including lease condensate production) are made by API the first week of the month. These estimates are generally held constant throughout the month, but may be revised at a subsequent date as more current information is received.

NOTE ON IMPORTS

Imports of crude oil and refined products include crude produced and product refined outside the 50 states and the District of Columbia. Shipments from U.S. territories such as the Virgin Islands and Puerto Rico are considered imports. Also, API classifies all withdrawals from bonded storage as imports. Geographical detail is based on port of entry basis, and timing is considered to be the time a shipment clears customs.

NOTE ON CRUDE STOCKS

Crude oil stocks include stocks on leases, but do not include stocks held in the Strategic Petroleum Reserve.

NOTE ON CRUDE SUPPLY BALANCE

The Crude Supply Balance is the arithmetic difference (in MB/D) between those factors that make up crude supply (i.e. domestic production plus imports plus stock draws) and those that make up crude demand (i.e. crude runs plus exports plus crude used directly plus crude losses). A negative volume, for example, indicates a supply greater than disposition, while a positive volume indicates the opposite.

NOTES ON GEOGRAPHICAL DETAIL

Petroleum Administration for Defense (PAD) districts provide the most oft-cited basis for regional supply and disposition statistics. Generally speaking, District 1 includes the East Coast states, District 2 the Midwest, District 3 the Gulf Coast (including Texas and New Mexico), District 4 the Rocky Mountain states, and District 5 the West Coast (including Alaska and Hawaii). More specific information on which states are included in which PAD districts is available from DOE or API.

API publishes refinery inputs and production data at a sub-PAD level for Districts 1, 2, and 3. The composition of these sub-Districts are easily determined by their titles. For product inventories and imports, API publishes data at a sub-PAD level for District 1 (which is different from the District 1 breakdown provided for refinery activities). For the purposes of inventories and imports, District 1 is dissected into the following three areas:

1)	New England	ME, NH, VT, MA, RI, and CT
2)	Central Atlantic	NY, NJ, PA, DE, MD, and DC
3)	Lower Atlantic	VA, WV, NC, SC, GA, and FL